

PAT-NO: JP02004229276A
DOCUMENT-IDENTIFIER: JP 2004229276 A
TITLE: HANDOFF METHOD IN WIRELESS LAN
PUBN-DATE: August 12, 2004

INVENTOR-INFORMATION:

NAME	COUNTRY
CHOI, HYONG-UK	N/A
KIM, JUN-HWAN	N/A

ASSIGNEE-INFORMATION:

NAME	COUNTRY
SAMSUNG ELECTRONICS CO LTD	N/A

APPL-NO: JP2003423613

APPL-DATE: December 19, 2003

PRIORITY-DATA: 2003200304509 (January 23, 2003)

INT-CL (IPC): H04Q007/22, H04L012/28

ABSTRACT:

PROBLEM TO BE SOLVED: To provide a handoff method in a wireless LAN, an access point where handoff in the wireless LAN is performed, and a mobile station for performing handoff in the wireless LAN.

SOLUTION: The handoff method in the wireless LAN includes the steps that a mobile station 330 transmits a handoff notice message for reporting the occurrence of handoff to a present access point (a), the present access point that receives the handoff notice message collects channel information to access points within an ESS and transmits a response message to the handoff notice message to the mobile station 330 while superimposing the collected

channel
information thereon (b), the mobile station utilizes the channel
information on
the response message to scan a novel access point and selects an AP
with a
maximum strength of signals (c). The present invention is utilized
for a field
of transmitting multimedia data on the wireless LAN, for example, is
effectively utilized for a field wherein QoS guarantee is demanded in
real-time
transmission of multimedia data.

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